

ABSTRACT OF THE DISCLOSURE

Methods of maintaining neighbor list information in a wireless communication system and corresponding apparatus. The method may comprise maintaining a separate neighbor list for each of a plurality of cells, the neighbor lists indicating neighbor cells and corresponding control channels; maintaining a central link-list database identifying, for each of the plurality of cells, neighbor cells and corresponding control channels; receiving a neighbor modification command; identifying which of the neighbor lists should be modified as affected neighbor lists based on the central link-list database in response to the command; automatically modifying a plurality of the affected neighbor lists in response to the command; and modifying the central link-list database in response to the command. The method may be used to delete or change the information in a plurality of neighbor lists concerning a cell, and does not require the link-list database in all embodiments.